

HAB-related Animal Illness Out of State Laboratory List

The purpose of this list is to provide information about out of state laboratories capable of analyzing complex animal matrices for cyanotoxins and/or cyanobacteria. This list is not intended to describe any regulatory requirements or make any laboratory endorsements. Please contact laboratories before submitting samples to ensure that proper sampling and handling procedures are followed.



Lab name	Location	Contact Information	Specimen(s)	Cyanotoxin/algae	Method	Price per sample (\$)	Turnaround Time	Notes
CA Animal Health and Food Safety Lab	Davis, CA	Phone: (530) 752-7578	animal GI contents, urine, serum	anatoxin-a	LC-MS/MS	181.50	10-14 days	If all tests are needed, the algae toxin panel includes all four tests and is cheaper at \$671.00 (\$167.75/cyanotoxin)
			animal GI contents	cylindrospermopsin	LC-MS/MS	181.50		
			animal GI contents	microcystin	LC-MS/MS	181.50		
			animal GI contents, urine, serum	saxitoxin	LC-MS/MS	181.50		
GreenWater Labs	Palatka, FL	Phone: (386) 328-0882 or email: info@greenwaterlab.com	animal GI contents, urine	microcystin/nodularin	ELISA	200.00	2-4 weeks	Preferred specimens are listed; secondary contents include bile, blood, kidneys, liver, or brain, but the lab notes these would be more for research-based purposes
			animal GI contents, urine	MMPB (total adda microcystin, nodularins)	LC-MS/MS	200.00		
			animal GI contents, urine	anatoxin-a	LC-MS/MS	250.00		
			animal GI contents, urine	saxitoxin	ELISA	200.00		
			animal GI contents, urine	cylindrospermopsin/epi-cylindrospermopsin	LC-MS/MS	250.00		
King County Environmental Lab	Seattle, WA	Phone: (206) 477-7200	dog serum, tissue	various cyanotoxins	ELISA	contact for pricing	contact for turnaround times	Can only receive prepared samples in vials
Pennsylvania Animal		Phone: (610) 925-6725	animal GI contents, serum	anatoxin	LC-MS	149.00	7 days	Price includes all three cyanotoxins

Diagnostic Laboratory System	Kennett Square, PA	Email: Vet-nbcontact@vet.upenn.edu	animal GI contents, serum, liver (only for microcystin-LR)	microcystin	LC-MS			
			animal GI contents, serum	nodularin	LC-MS			
Washington Animal Disease Diagnostic Lab	Pullman, WA	Phone: (509) 335-9696 Email: waddl@vetmed.wsu.edu	animal GI contents	cyanobacteria identification	toxicological analysis	18.00	4-7 days	